District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV

State of New Mexico
Energy Minerals and Natural Resources
Conservation Division
1220 South St. Francis Dr.

Form C-101 May 27, 2004

Submit to appropriate District Office

1000 Rio Bra District IV 1220 S. St. Fr				/22/	,	X 1220 So Santa	outh St. F					□ АМ	IENDED REPORT
				/,	c_{σ}) 1º	57			N, PLUGBAG	CK, OF	R ADI	D A ZONE
	Operator Name and Address Southwestern Energy Production Company 2350 N. San Houston Parkway East										² OGRID 1481	Number	
		Sou	2350	N. San Houst Houston, T	on Parkw X 77032	ay East		³ API Number 30 – 015-3379 ½ 3					
1	rty Code					³ Property		•		,		⁶ Well	No.
	25212			D		No Bluff St	ate Com			10 D	sed Pool 2	4	
Re	ed Lake;	Que		Proposed Pool 1 Grayburg, Sa	n Andres	s 51300	I			·· Propo	sea Pool 2		
<u> </u>				7 0			Locatio	n					
UL or lot no.	Section 36	Town	nship 'S	Range 27E	Lot E		om the 1		outh line orth	Feet from the 330	East/West		County Eddy
				⁸ Propo	sed Bott	om Hole Loca	tion If Di	fferen	nt From	Surface			
UL or lot no.	Section	Town	nship	Range	Lot				outh line	Feet from the	East/West	line	County
·					Ac	lditional We	ell Inform	matio	on				
	Type Code P			¹² Well Type Co	de	¹³ Cabl	le/Rotary		. 14	Lease Type Code		15 Grour	nd Level Elevation 3583
	ultiple			17 Proposed Dep	oth	•	rmation			¹⁹ Contractor		20	Spud Date
Depth to Grou	NO Indwater			<u></u>	Distanc	e from nearest fre	Andres sh water wel	I		Distance from	nearest sur	rface wa	ter
Pit: Liner:	Synthetic		m	ils thick Clay	☐ Pit V	olume: bb	ls	Dr	illing Met	hod:			
Close	d-Loop Sys	tem [Fr	esh Water	☐ Brine ☐ Die	sel/Oil-base	zd 🔲 (Gas/Air 🔲
				21	Propos	sed Casing a	and Cem	ent l	Prograi	m			
Hole S	ize		Casi	ing Size	Casing weight/foot		Sett	ing De	epth	Sacks of Cer	nent	I	Estimated TOC
				16"	Conductor			40'		9 sx ready		····	surface
12.2 7.78		<u> </u>		-5/8" -1/2		32 15.5	475 365)	305 sx 900 sx			surface surface
7.70	<u> </u>	<u> </u>		-1/2		10.0		3032		300 8	`		Surface
				·									
						PEN or PLUG Ball sheets if necess		he data	a on the p	resent productive zo	ne and pro	posed n	ew productive zone.
Plugbacl in the Sa stimulation	k and is an Andi on. (Si ns.)	sola res (tand	te th per lard	ne Yesa/G fs from 20 3000 psi 3 S	lorieta 40'-28 BOPs ' دو 4	from 3007 22') by per and /or 50	7'-3318' rforming 00 psi f	P -	B.	y Sh		-	. Complete e back
Operation date of T	ns are hursda	to b ay, N	love	n, rig to me ember 9	ove on	location, i	Monday	/, NO	ovemb	er 6" with a	n estin	nated	d perforation
No earth	en pit	will t	oe d	ug. Oper	ations	will be usir	ng a ste	el p	it.				
Weak	only	- 0) pe	ater Tr	c• <u>~ p</u>	ly w NA	AOCD R	ادله	<u> </u>	13.3.64 E	(2)		
²³ I hereby certify that the information given above is true and complete to the best of my knowledge and belief. I further certify that the drilling pit will be						•••	OIL C	ONSERVAT	ION DI	VISIO	ON		
constructed according to NMOCD guidelines \square , a general permit \square , or an (attached) alternative OCD-approved plan \square .					Approved	l by:							
Printed name:	Martha C	C. Hov	ward	-KuaM	hald	doward	Title:			BRYAN G. A	ARRAI II GEO	LOG	IST
Title: Staff F	Regulato	ry Ar	nalys	t			Approval	Date	iQN v	DISTRICT EX	piration Da		MOV 0 8 2007
E-mail Addres	s:Martha	a_Ho	ward	@SWN.cor	n			71	ie A A	~ Z000			······································
ے کا Date: ((• وَ	2.20	ے د		Phone: 281	-618-48	87	Condition	s of A	pproval At	tached			

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410

1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-102
Revised October 12, 2005
Revised October 12, 2005
Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

-	API Number			² Pool Code	2	³ Pool Name					
3	30-015-3379/3 51300					RED LAKE; QUEEN-GRAYBURG; SAN ANDRES					
⁴ Property (Code				⁵ Property N	Name		6 W	ell Number		
25212	l				NO BLUFF STA	ТЕ СОМ			4		
7 OGRID	No.				8 Operator 1	Name		⁹ Elevation			
148111				SOUTHWE	STERN ENERGY PE	RODUCTION COMPA	NY		3583		
					¹⁰ Surface 1	Location					
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County		
E	35	178	27E	E	1765	NORTH	330	WEST	EDDY		
			11 Bo	ottom Ho	le Location If	Different Fron	n Surface				
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County		
12 Dedicated Acres	¹³ Joint or	r Infill 14 Co	onsolidation	Code 15 Or	der No.	I	<u>l</u> .,	<u> </u>			

No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

16		*******	¹⁷ OPERATOR CERTIFICATION
			I hereby certify that the information contained herein is true and complete
			to the best of my knowledge and belief, and that this organization either
			owns a working interest or unleased mineral interest in the land including
765			the proposed bottom hole location or has a right to drill this well at this
12			location pursuant to a contract with an owner of such a mineral or working
			interest, or to a voluntary pooling agreement or a compulsory pooling
			order heretofore entered by the division.
			Martha C. Howard
			Signature V Date
330'			MARTHA C. HOWARD 11. 2 3006
ł			Printed Name
ľ			
1		;	
	 · · · · · · · · · · · · · · · · · · ·		
			¹⁸ SURVEYOR CERTIFICATION
			I hereby certify that the well location shown on this
		,	plat was plotted from field notes of actual surveys
			made by me or under my supervision, and that the
			same is true and correct to the best of my belief.
			same is true and correct to the best of my being.
			Date of Survey
			Signature and Seal of Professional Surveyor:
			Certificate Number
			Countrate Number
<u></u>			<u> </u>

DISTRICT I

State of New Mexico

Energy, Minerals and Natural Resources Department

DISTRICT II
1301 W. GRAND AVENUR, ARTESIA, NM 86210

OIL CONSERVATION DIVISION 1220 SOUTH ST. FRANCIS DR. Santa Fe, New Mexico 87505 Revised JUNE 10, 2003
Submit & Appropriate District Office
State Jease - 4 Copies
For Lease - 3 Copies

DISTRICT III 1000 Rio Brazos Rd., Aztec, NM 87410

i de la companya de

DISTRICT IV 220 s. st. francis dr., santa fe, ni	WELL LOCATION AND ACREAGE DEDICATION PLATERIZE	ZIZ AMENDED REPO
API Number	Pool Code Pool Name	
Property Code	Property Name NO BLUFF	Well Number
OGRID No.	Operator Name SOUTHWESTERN ENERGY PRODUCTION COMPANY	Elevation 3583'

Surface Location

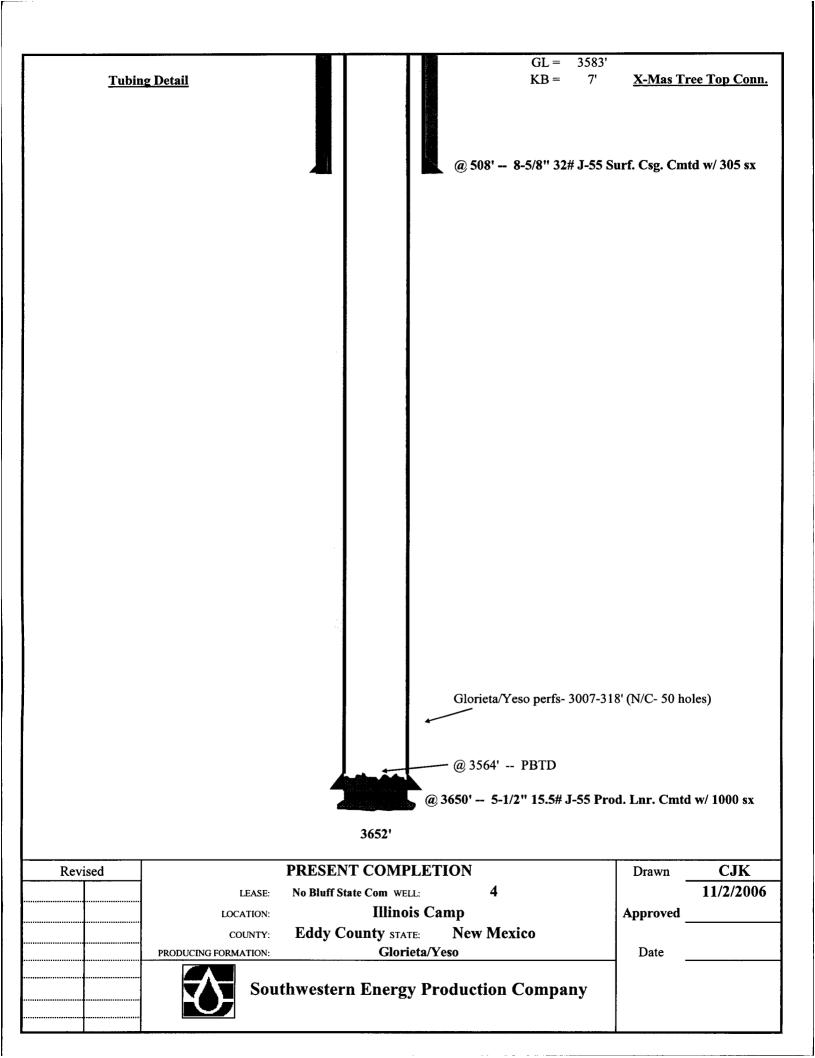
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
E	36	17-S	27-E		1765	NORTH	330	WEST	EDDY

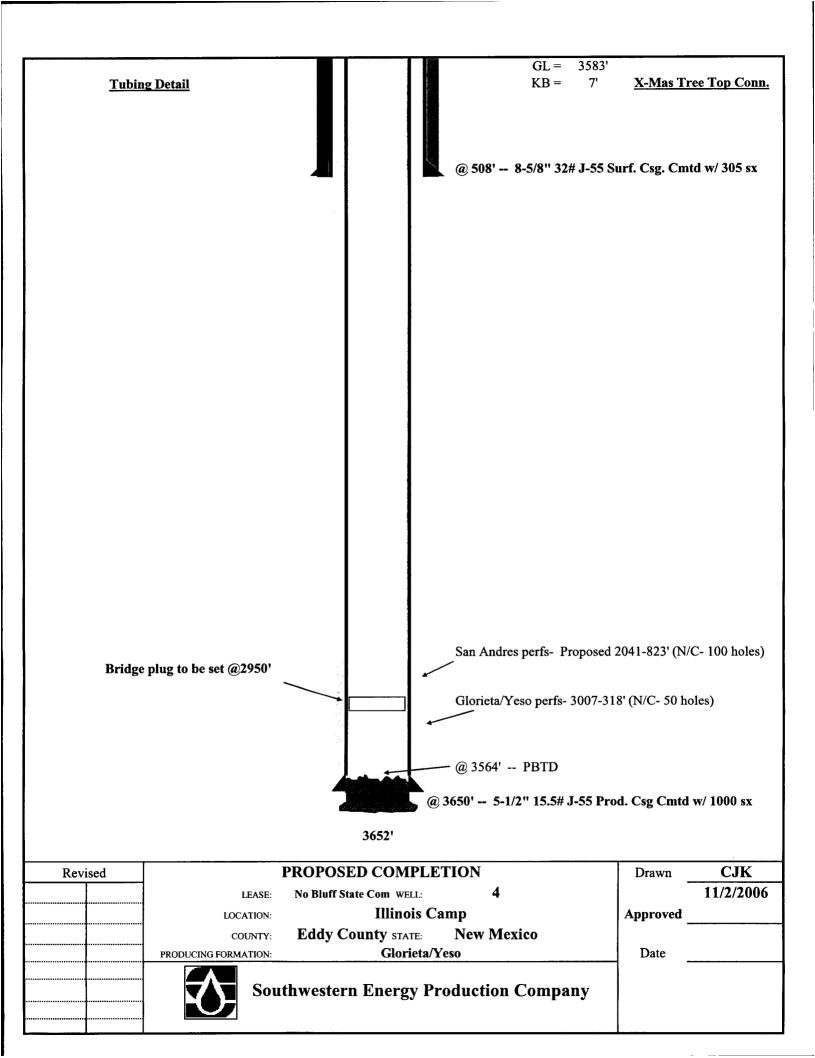
Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
Dedicated Acre	Joint o	or Infill Co	nsolidation	Code Ore	ier No.			L	

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

	OR A NON-STANDARD UNIT HAS BEEN	ATTROVED BY THE DIVISION
1765'		OPERATOR CERTIFICATION I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.
		Signature Signature
	GEODETIC COORDINATES NAD 27 NME	Printed Name
330'	Y=652191.7 N X=528917.6 E	Title
	LAT.=32°47'34.55" N LONG.=104°14'21.23" W	SURVEYOR CERTIFICATION
		I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervison, and that the same is true and correct to the best of my belief.
		DECEMBER 27, 2004 Date Surveyed Transmission LA
		Date Surveyed LA Signature & Seal of Professional Sunveyor 04.11.1598 Certificate No: GARY EDSON 12841







Southwestern Energy Production Company 2350 N. Sam Houston Parkway East Suite 300 Houston, Texas 77032

Hydrogen Sulfide (H2S) Contingency Plan

For

No Bluff #3

And

No Bluff #4

No Bluff #3 and No Bluff #4

These wells are open drilling sites. H²S monitoring equipment and emergency response equipment will be used within 500' of the zones known to contain H²S, including warning signs, wind indicators and H²S monitor.

Assumed 100 ppm ROE = 3000' (Radius of Exposure) 100 ppm H^2S concentration shall trigger activation of this plan.

Escape:

Escape will be by taking the lease road going west approximately 0.2 miles. Continue past the "Y" intersection approximately 0.1 miles and turn right. Go northwest for approximately 1.0 miles to co. road #225 traveling northeast until the intersection of co. road #204. Travel northwest on co. road #204 until crossing hwy 82. 9.5 west is the town of Artesia.

Emergency Procedures

In the case of a release of gas containing H₂S, the first responder(s) must isolate the area and prevent entry by other persons into the 100 ppm ROE. Additionally the first responder(s) must evacuate any public places encompassed by the 100 ppm ROE. First responder(s) must take care not to injure themselves during this operation. Company and/or local officials must be contacted to aid in this operation. Evacuation of the public should be beyond the 100 ppm ROE.

All responders must have training in the detection of H_2S , measures for protection against the gas, equipment used for protection and emergency response. Additionally, responders must be equipped with H_2S monitors and air packs in order to control the release. Use the "buddy system" to ensure no injuries during the response.

Ignition of Gas Source

Should control of the well be considered lost and ignition considered, take care to protect against exposure to Sulfur Dioxide (SO₂). Intentional ignition must be coordinated with the NMOCD and local officials. Additionally the NM State Police may become involved. NM State Police shall be the Incident Command on scene of any major release. Take care to protect downwind whenever there is an ignition of the gas

Characteristics of H₂S and SO₂

Common Name	Chemical Formula	Specific Gravity	Threshold Limit	Hazardous Limit	Lethal Concentr- ation
Hydrogen Sulfide	H ₂ S	1.189 Air = 1	10 ppm	100 ppm/hr	600 ppm
Sulfur Dioxide	SO ₂	2.21 Air = 1	2 ppm	N/A	1000 ppm

Contacting Authorities

Southwestern Energy Production Company personnel must liaison with local and state agencies to ensure a proper response to a major release. Additionally, theNMOCD must be notified of the release as soon as possible but no later than 4 hours. Agencies will ask for information such as type and volume of release, wind direction, location of release, etc. Be prepared with all information available. The following call list of essential and potential responders has been prepared for use during a release. Southwestern Energy Production Company response must be in coordination with the State of New Mexico's 'Hazardous Materials Emergency Response Plan' (HMER)

Southwestern Energy Production Call List	Office	<u>Cellular</u>
Bruce Drummon – Production Foreman	505-303-1850	505_631_8083
Kurt Butler – Production Engineer		
Wilton Townsend - Drilling Consultant		
Sonny Bryan - Drilling Manager	281-618-4769	713-502-4046
Mike McAllister – HSE Manager	281-618-4824	713-560-0856

Agency Call List

Eddy County (505)

Artesia			Company of the Compan
State Police			746-2703
City Police		•••••	746-2703
Sheriff's Office			
Ambulance		•••••	911
Fire Department		*****************	746-2701
LEPC (Local Emergency Pl	lanning Comm	ittee)	746-2122
NMOCD	-		

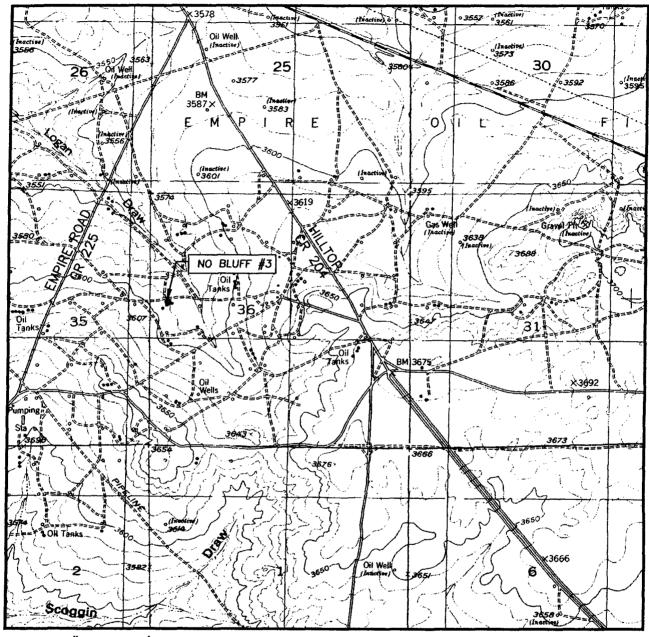
Carlsbad	
State Police	885-3137
City Police	885-2111
Sheriff's Office	
Ambulance	911
Fire Department	885-2111
LEPC (Local Emergency Planning Committee)	887-3798
US Bureau of Land Management	887-6544
New Mexico Emergency Response Commission (Santa Fe)	(505)476-9600
24 HR	(505) 827-9126
National Emergency Response Center (Washington, DC)	(800) 424-8802

Other

(281) 353-5481
1-800-256-9688 or (281) 931-8884
(915) 699-0139 or (915) 563-3356
.(432) 682-4305
.(505) 392-5556
(505)746-3140
(505) 748-1391
ubbock, TX(806) 7

Flight For Life -4000 24th St, Lubbock, TX	(806) 743-9911
Aerocare -Rr 3 Box 49f, Lubbock, TX	(806) 747-8923
Med Flight Air Amb 2301 Yale Blvd SE #D3, Albuq, NM .	(505) 842-4433
S B Air Med Svc 2505 Clark Carr Loop SE, Albuq, NM	(505) 842-4949

LOCATION VERIFICATION MAP



SCALE: 1" = 2000'

CONTOUR INTERVAL: REDLAKE, N.M. - 10'

SEC. 36 TWP. 17-S RGE. 27-E

SURVEY N.M.P.M.

COUNTY EDDY

DESCRIPTION 2264' FNL & 366' FWL

ELEVATION 3595'

SOUTHWESTERN ENERGY
PRODUCTION COMPANY

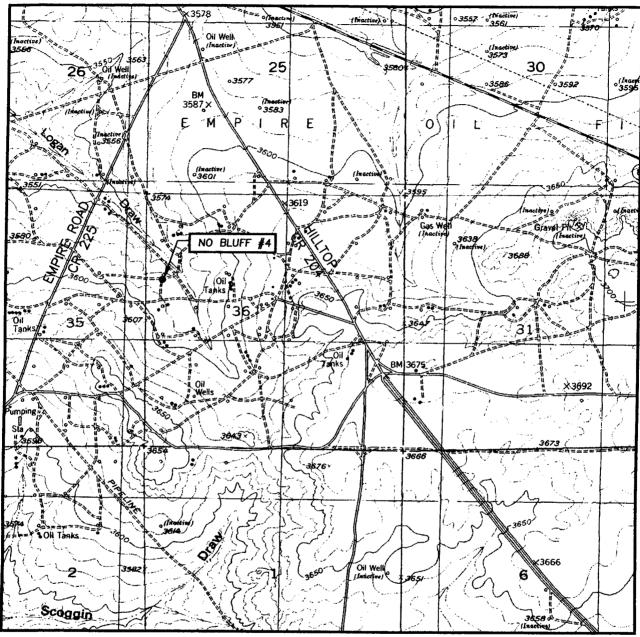
LEASE NO BLUFF

U.S.G.S. TOPOGRAPHIC MAP
REDLAKE, N.M.



PROVIDING SURVEYING SERVICES SINCE 1946 JOHN WEST SURVEYING COMPANY 412 N. DAL PASO HOBBS, N.M. 88240 (505) 393-3117

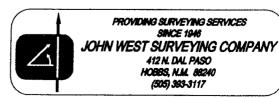
LOCATION VERIFICATION MAP



SCALE: 1" = 2000'

CONTOUR INTERVAL: REDLAKE, N.M. - 10'

SEC. <u>36</u>	TWP. <u>17-S_RGE27-E</u>	
SURVEY	N.M.P.M.	
COUNTY	EDDY	
DESCRIPTION 1765' FNL & 330' FWL		
ELEVATION_	3583'	
OPERATOR_	SOUTHWESTERN ENERGY PRODUCTION COMPANY	
LEASE	NO BLUFF	
U.S.G.S. TOPOGRAPHIC MAP		







2350 N. Sam Houston Parkway, East, Suite 300 Houston, Texas 77032 (281) 618-4700 FAX: (281) 618-4758

VIA FEDERAL EXPRESS OVERNIGHT

November 2, 2006

Mr. Bryan Arrant
State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division – District II
1301 W. Grand Avenue
Artesia, NM 88210

Dear Mr. Arrant:

SUBJECT:

SOUTHWESTERN ENERGY PRODUCTION COMPANY - NO BLUFF STATE COM NO. 4

API NO. 30-015-33792

SEC 36-17S-27E

EDDY COUNTY, NEW MEXICO

Southwestern intends to recomplete the subject well referenced above from the Red Lake; <u>Glorieta Yeso</u>, Northeast Pool (96836) to the Red Lake; Queen-Grayburg; <u>San Andres</u> Pool (51300). For your review the following data is enclosed:

- Form C-101 to plugback
- Form C-102 Revised form dated 10/12/2005 with operator signature and revised form dated 06/10/2003 original signed surveyed plat by surveyor
- Wellbore Schematic current and proposed
- H2S Contingency Plan

Southwestern's Landman, Chuck Cornish, is forwarding a copy of this request to Fairway Resources (previously McQuadrangle, LC) requesting a waiver be granted for the San Andres formation, being a part of the Red Lake; Queen-Grayburg; San Andres Pool.

Should you have questions, please reach me through 281-618-4887 (direct), 281-618-4758 (fax) or Martha Howard@SWN.com.

Respectfully,

SOUTHWESTERN ENERGY PRODUCTION COMPANY

Jartha (! Choward

Martha C. Howard Staff Regulatory Analyst

MCH

Enclosure



Charles A. Cornish Sealor Landman

2350 N. Sam Houston Parkway East Suite 300 Houston, Texas 77032 (281) 616-4700 FAX: (281) 618-4757

November 2, 2006

Via Facsimile and U. S. Mail (817)-416-1949

N. C. Carrie

Fairway Resources 538 Silicon Drive Suite 101 Southlake, Texas 76092

Attention: Joe E. Small

Re:

No Bluff No. 4 Well

SW/4 NW/4 Section 36 T17S, R27E (Unit E)

ALTERNATION OF THE STATE OF THE

Eddy County, New Mexico

Gentlemen:

This is to advise that Southwestern Energy Production Company if preparing to plug back the referenced well from the Yeso/Glorieta formation to San Andres formation at 2,041' feet to 2,821' feet. Therefore the said well will be completed in the Queen/Grayburg/San Andres pool, as defined by the State of New Mexico.

and the state of t

Fairway Resources currently operates two wells completed with said pool. However pursuant to that certain Assignment dated April 27, 2005 Fairway Resources has no rights to the San Andres formation.

Therefore we hereby request that Fariway Resources grant a waiver of any objections in favor of Southwestern Energy Production Company which would allow us to recomplete said well into the San Andres formation.

Buclosed herewith is for your information is a copy of our Application for Plug Back and a copy of said assignment.

Please sign in the space provided below then return a copy hereof to the undersigned via fax at 281-68-4739

> and the MacKington appropriate Automobile San American San A

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in the one Carreness which adopting to a

Thank you for your assistance in the matter.

MORENE E

P.2/14

No Bluff No. 4 Well
SW4 NW4 Section 36 T175, R27F (Unit E)
Eddy County, New Mexico

Very truly yours,

SOUTHWESTERN ENERGY PRODUCTION COMPANY

The company that the other

Charles a Cornish
Senior Landman

We hereby waive any objections as stated above.

is a resolution to a safe fractional regulation of

HARRIO PROPOSITION OF FEED & MER

an ang Pertabahan ang Kilipatèn Kal Managkan Kalang Pertabahan Kalang Kalang

STORE TERRETORY OF THE STORE ON THE STORE I

Standard All

Fairway Resources

By: Mattico (12)

Name: Matt Cableston

Title: President &CEO

Date: 11/2/06